Title (en)

PNEUMATIC TIRE AND MOLD FOR VULCANIZATION-MOLDING SAME

Title (de)

LUFTREIFEN UND FORM ZUR VULKANISIERUNG DAVON

Title (fr)

PNEUMATIQUE ET MOULE DE VULCANISATION CORRESPONDANT

Publication

EP 3656582 B1 20210609 (EN)

Application

EP 19206520 A 20191031

Priority

JP 2018220433 A 20181126

Abstract (en)

[origin: EP3656582A1] A pneumatic tire has a turned-up carcass ply and a non-turnup carcass ply. The turned-up carcass ply is turned up around bead cores in respective bead portions from the inside to outside of the tire so as to form a pair of turned up portions extending radially outwardly on the axially outsides of the respective bead cores, and a main portion extending between the turned up portions. The non-turnup carcass ply extends between the bead portions and terminates to have edges positioned on the axially outsides of the respective turned up portions. The bead portions are each provided on its outer surface with vent lines protruding therefrom and extending continuously in the tire circumferential direction. The vent lines include a radially outer vent line formed radially outside the edges of the non-turnup carcass ply, and a radially inner vent line formed radially inside the edges of the non-turnup carcass ply.

IPC 8 full level

B60C 15/024 (2006.01)

CPC (source: CN EP US)

B29D 30/06 (2013.01 - CN); **B60C 9/04** (2013.01 - CN); **B60C 15/0009** (2013.01 - CN US); **B60C 15/0018** (2013.01 - US); **B60C 15/024** (2013.01 - EP); **B60C 15/0628** (2013.01 - US); B29D 2030/0607 (2013.01 - CN); B60C 15/024 (2013.01 - US); B60C 2015/0617 (2013.01 - US); B60C 2019/008 (2013.01 - EP US)

Cited by

EP3782826A1; US11529829B2; EP4190540A3

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 19206520 A 20191031; CN 201910981275 A 20191016; JP 2018220433 A 20181126; US 201916673659 A 20191104